



Subject card

Subject name and code	Logistics Management, PG_00037712						
Field of study	Management						
Date of commencement of studies	October 2021		Academic year of realisation of subject		2023/2024		
Education level	first-cycle studies		Subject group		Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		English		
Semester of study	6		ECTS credits		3.0		
Learning profile	general academic profile		Assessment form		exam		
Conducting unit	Department of Management -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Joanna Czerska				
	Teachers		dr inż. Joanna Czerska				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	15.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		6.0		39.0	75
Subject objectives	The aim of the training is to equip the student with basic knowledge of the internal and external supply chain management mechanisms and the ability to determine the critical path and the ability to optimize processes within the company in the field of Logistics.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U12] analyses, evaluates and selects various managerial solutions in decision-making processes, taking into account pro-quality and pro-environmental aspects		Uses theoretical knowledge to logistics resource management		[SU1] Assessment of task fulfilment		
	[K6_U06] predicts phenomena and processes in the organization, taking into account social aspects		Forecasts logistics processes in enterprise		[SU1] Assessment of task fulfilment		
	[K6_W02] has a basic knowledge about the structure of economic organisations, about relations between economic entities and other social institutions		The student has a basic knowledge of logistics, can share it in a working team		[SW3] Assessment of knowledge contained in written work and projects		
	[K6_W03] has a basic knowledge of relations both within the organisation and between the organisation and its environment on a national and international scale		Has a basic knowledge about relations in supply chains		[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation		

Subject contents	Theoretical and practical issues:1. Introduction to logistics management2. Key costs and indicators in logistics management3. "Supply chain management. Simulation game.4. Push vs pull system"5. Determinants of flow in the supply chain: Speed, flexibility, variability, frequency Inventory managementpart 1 Inventory management methods: DTO, MTO, ATO, MTS6. Inventory management part 2. Determining inventory levels Supply chain planning.Challenges and opportunities in the supply chain (work to be done by the team in one area):1. Customer Service S&OP2. Scheduling MPS3. Scheduling Production4. Flow Control5. Distribution6. Sourcing7. Procurement8. Transportation (all types)9. Logistics of remanufacturing.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Team project	60.0%	30.0%
	Exam	60.0%	20.0%
	Practical and theoretical Quizzes	60.0%	50.0%
Recommended reading	Basic literature	Duggan K.J., Creating mixed model value streams, second edition, Productivity Press 2012 Kanban Just-in Time at Toyota: Management Begins at the Workplace, Japan Management Association, 1986	
	Supplementary literature	Coyle J.J., Bardi E.J., Langley C.J.jr.: The Management of Business Logistic. A supply Chain Perspective. 7 th ed. Mason; Thomas Learning, 2003. Christopher M., Logistics and Supply Chain Management: Strategies for Reducing Costs and Improving Services, Pitman / Financial Times Publ. 1998. A. Weele, F. Rozemeijer Procurement and Supply Chain Management, Cengage Learning EMEA, 2022 T.F Wallace,, Sales and Operations Planning The How-To Handbook, Steelwedge Software, 2008	
	eResources addresses	Adresy na platformie eNauczanie: Logistics management summer 2024_BIM6_Joanna Czerska - Moodle ID: 37811 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37811	
Example issues/ example questions/ tasks being completed	Logistic decision problems Integration of the logistic chains Logistics services		
Work placement	Not applicable		